In the Claims

1-23 (cancelled).

24 (original). A plant microspore comprising a mixed duplex oligonucleotide.

25-27 (cancelled).

28 (previously presented). The plant microspore composition of Claim 24 wherein the plant is a member of the family Brassicaceae.

29 (previously presented). The plant microspore composition of Claim 28 wherein the plant microspore is a *Brassica napus, Brassica rapa, Brassica olercea* or a *Brassica juncea* microspore.

30 (previously presented). A mutated plant microspore which comprises a genomic mutation wherein the genomic mutation was accomplished by introducing a mixed duplex oligonucleotide into the plant microspore.

31 (previously presented). The mutated plant microspore of Claim 30 wherein the microspore is from a plant of the family Brassicacaea.

32 (previously presented). The mutated plant microspore of Claim 31 wherein the plant microspore is a *Brassica napus, Brassica rapa, Brassica oleracea* or *Brassica juncea* microspore.

33 (previously presented). An isolated plant microspore which comprises a genomic mutation wherein the genomic mutation was accomplished by introducing a mixed duplex oligonucleotide into the plant microspore.

34 (previously presented). The isolated plant microspore of Claim 33 wherein the microspore is from a plant of the family Brassicacaea.

35 (previously presented): The isolated plant microspore of Claim 34 wherein the plant microspore is a *Brassica napus, Brassica rapa, Brassica oleracea* or a *Brassica juncea* microspore.

36 (previously presented). The isolated plant microspore of Claim 33 wherein the microspore is regenerated into a plant that contains the genomic mutation.

37 (previously presented). A plant regenerated from an isolated microspore of Claim 33 and progeny thereof.

38 (previously presented). A seed which is derived from the regenerated plant of Claim 37.

39. (new) A composition comprising:

a. a plant microspore and

b. a mixed duplex oligonucleotide inside the plant microspore wherein the mixed duplex oligonucleotide is capable of causing a genomic mutation in the microspore.

40. (new) The composition of Claim 39 wherein the microspore is from a plant of the family Brassicacaea.

41 (new) The composition of Claim 40 wherein the plant microspore is a *Brassica napus, Brassica rapa, Brassica oleracea* or *Brassica juncea* microspore.